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Fig. 1

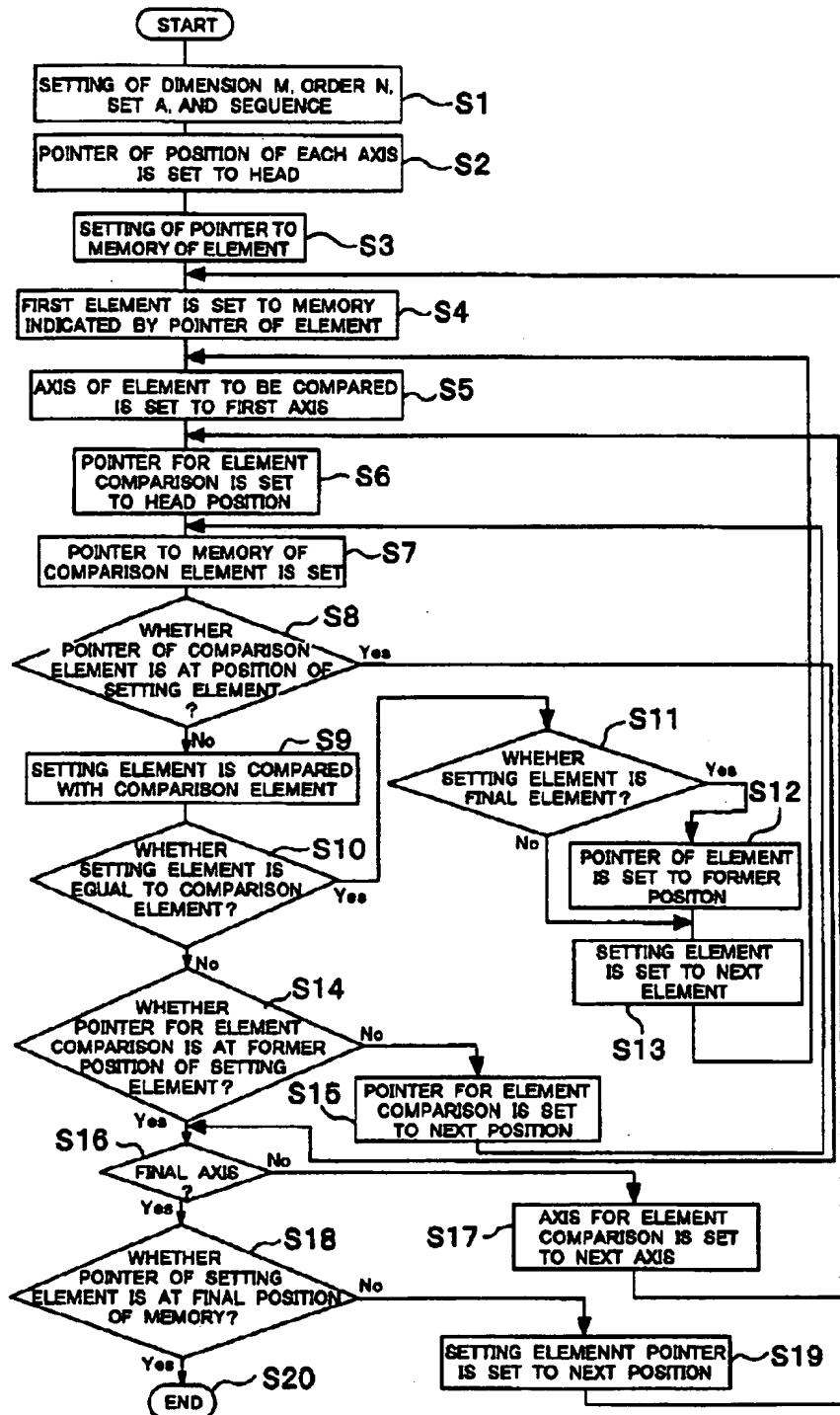


Fig. 2

T

$K(1,1,1,1) = 0$

$K(1,1,1,2) = 1$

$K(1,1,2,1) = 2$

$K(1,1,2,2) = 3$

$K(1,2,1,1) = 4$

$K(1,2,1,2) = 5$

$K(1,2,2,1) = 6$

$K(1,2,2,2) = 7$

$K(2,1,1,1) = 8$

$K(2,1,1,2) = 9$

$K(2,1,2,1) = 10$

$K(2,1,2,2) = 11$

$K(2,2,1,1) = 12$

$K(2,2,1,2) = 13$

$K(2,2,2,1) = 14$

$K(2,2,2,2) = 15$

$E(1,1,1,1)$

$E(1,1,1,2)$

$E(1,1,2,1)$

$E(1,1,2,2)$

$E(1,2,1,1)$

$E(1,2,1,2)$

$E(1,2,2,1)$

$E(1,2,2,2)$

$E(2,1,1,1)$

$E(2,1,1,2)$

$E(2,1,2,1)$

$E(2,1,2,2)$

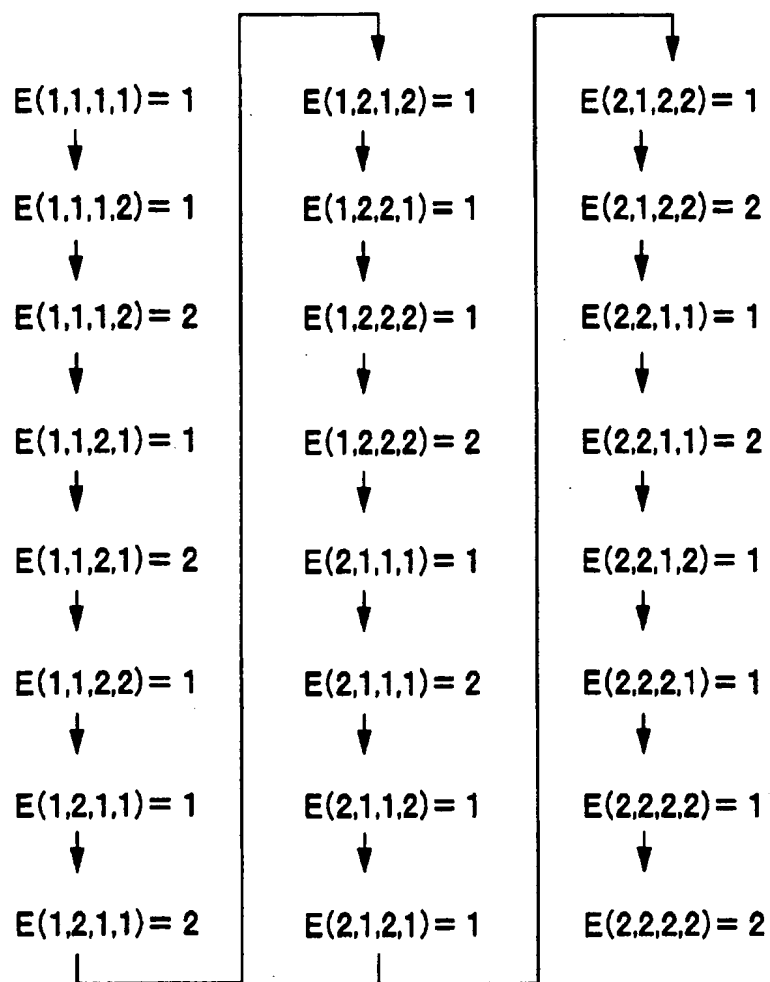
$E(2,2,1,1)$

$E(2,2,1,2)$

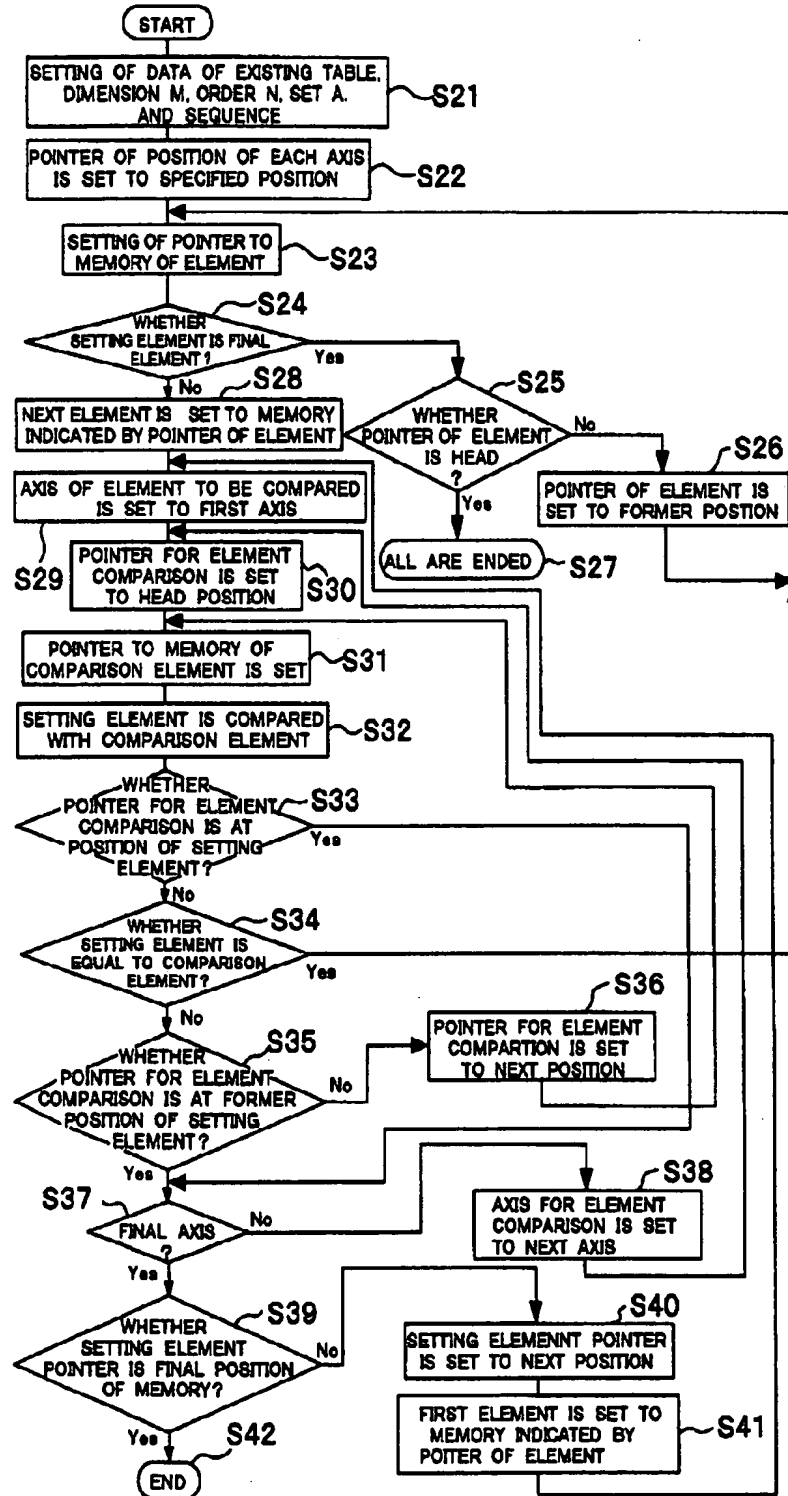
$E(2,2,2,1)$

$E(2,2,2,2)$

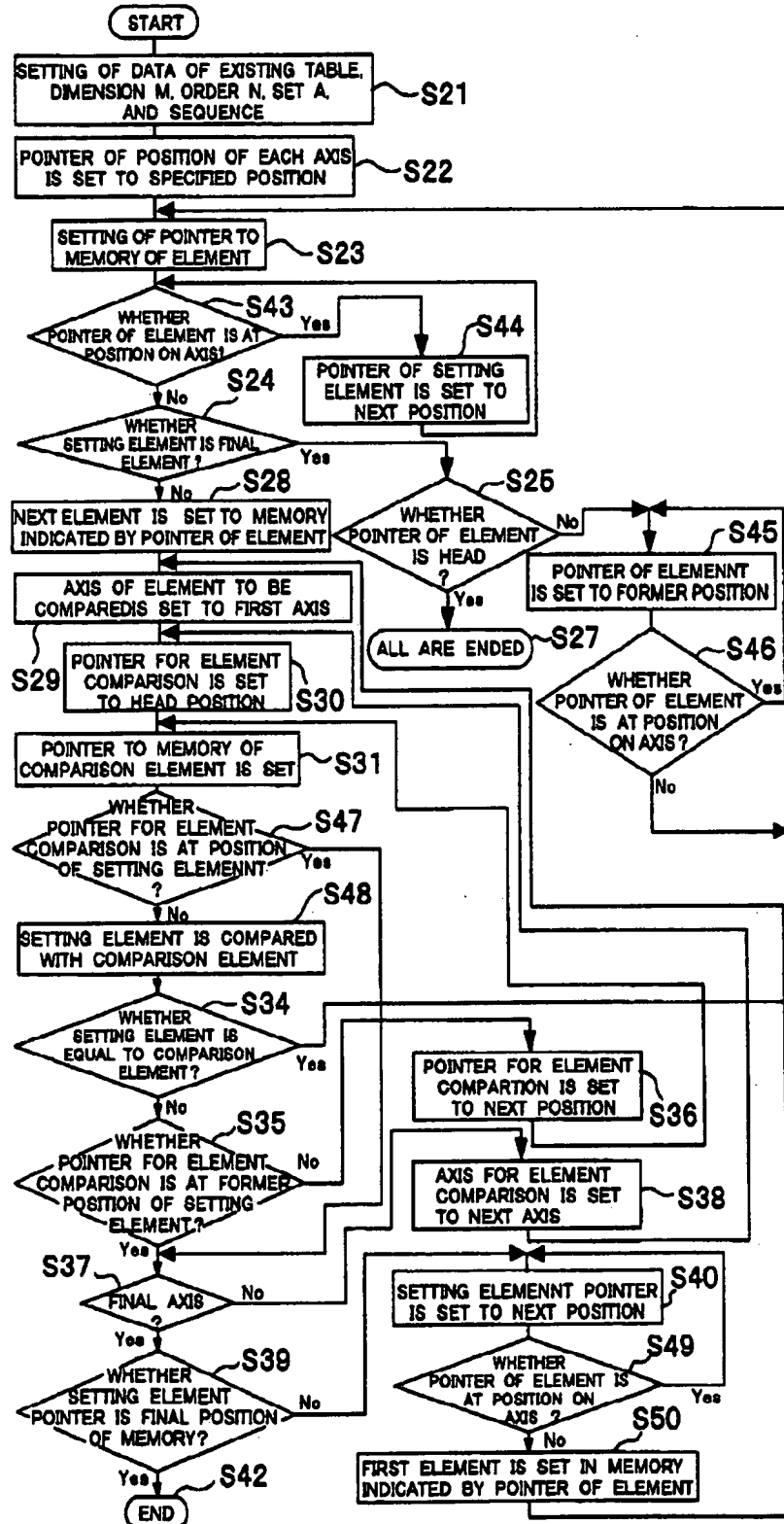
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Fig. 3



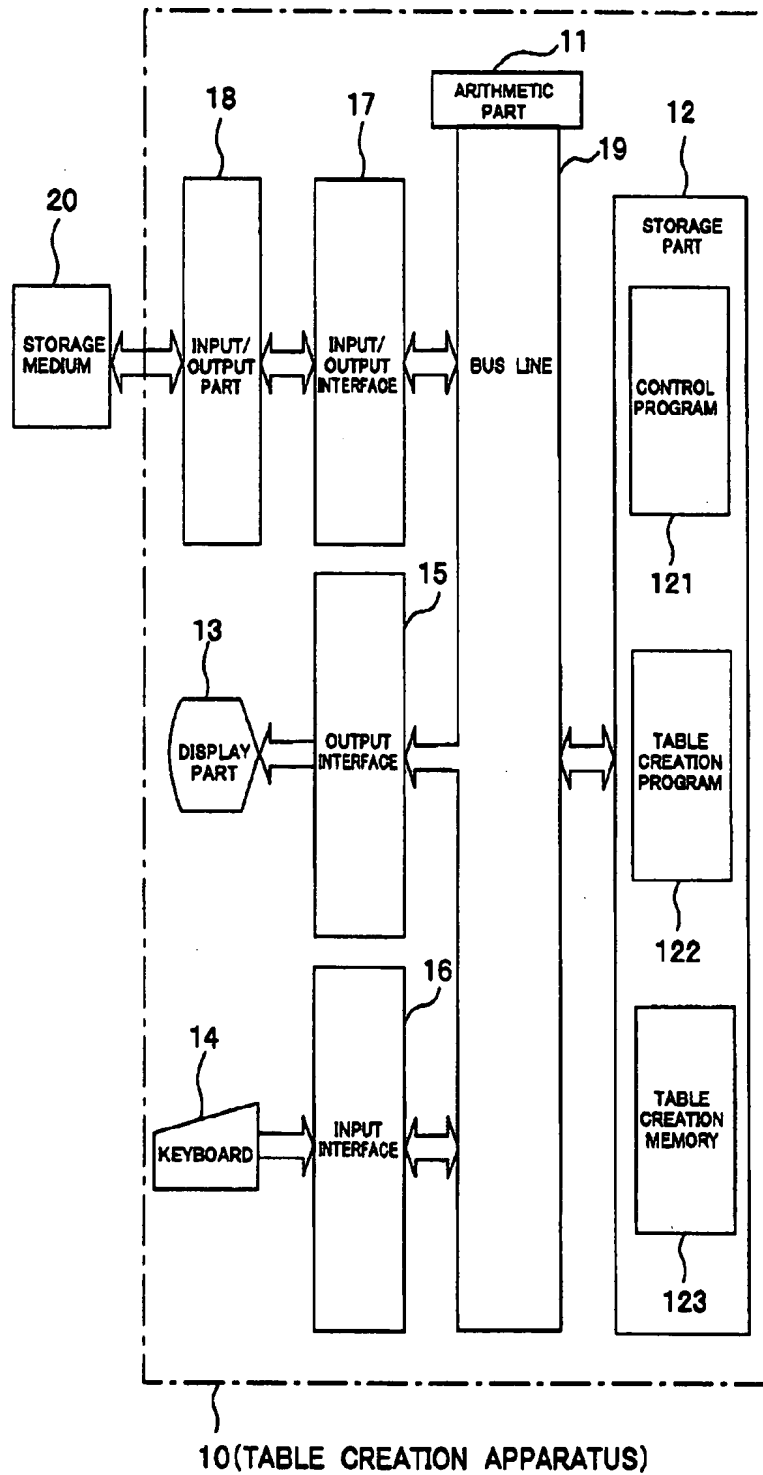
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Fig. 4



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Fig. 5



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Fig. 6



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Fig. 7

0	1	2	3
1	2	3	0
2	3	0	1
3	0	1	2

(a)

1	2	3	4
2	3	4	1
3	4	1	2
4	1	2	3

(b)

a	b	c	d
b	c	d	a
c	d	a	b
d	a	b	c

(c)

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Fig. 8

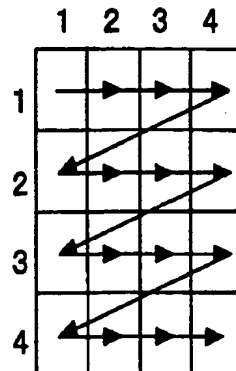
1	2	3	4
2	.	.	.
3	.	.	.
4	.	.	.

← VALUE IN SEQUENCE
OF 1 TO 4

IT IS ASSUMED THAT ARBITRARY
VALUE FORMING LATIN SQUARE
IS SET AS VALUE OF ELEMENT OF .

↑
VALUE IN SEQUENCE
OF 1 TO 4

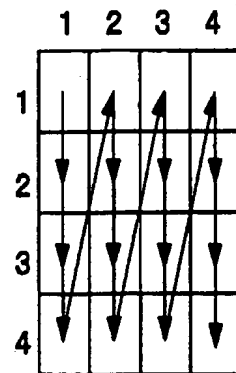
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Fig. 9



CREATION OF EACH ELEMENT IS
PERFORMED IN SEQUENCE OF FIRST
ROW AND FIRST COLUMN, FIRST ROW
AND SECOND COLUMN, , FOURTH
ROW AND THIRD COLUMN, AND
FOURTH ROW AND FOURTH COLUMN

CREATION METHOD IN
COLUMN DIRECTION

(a)

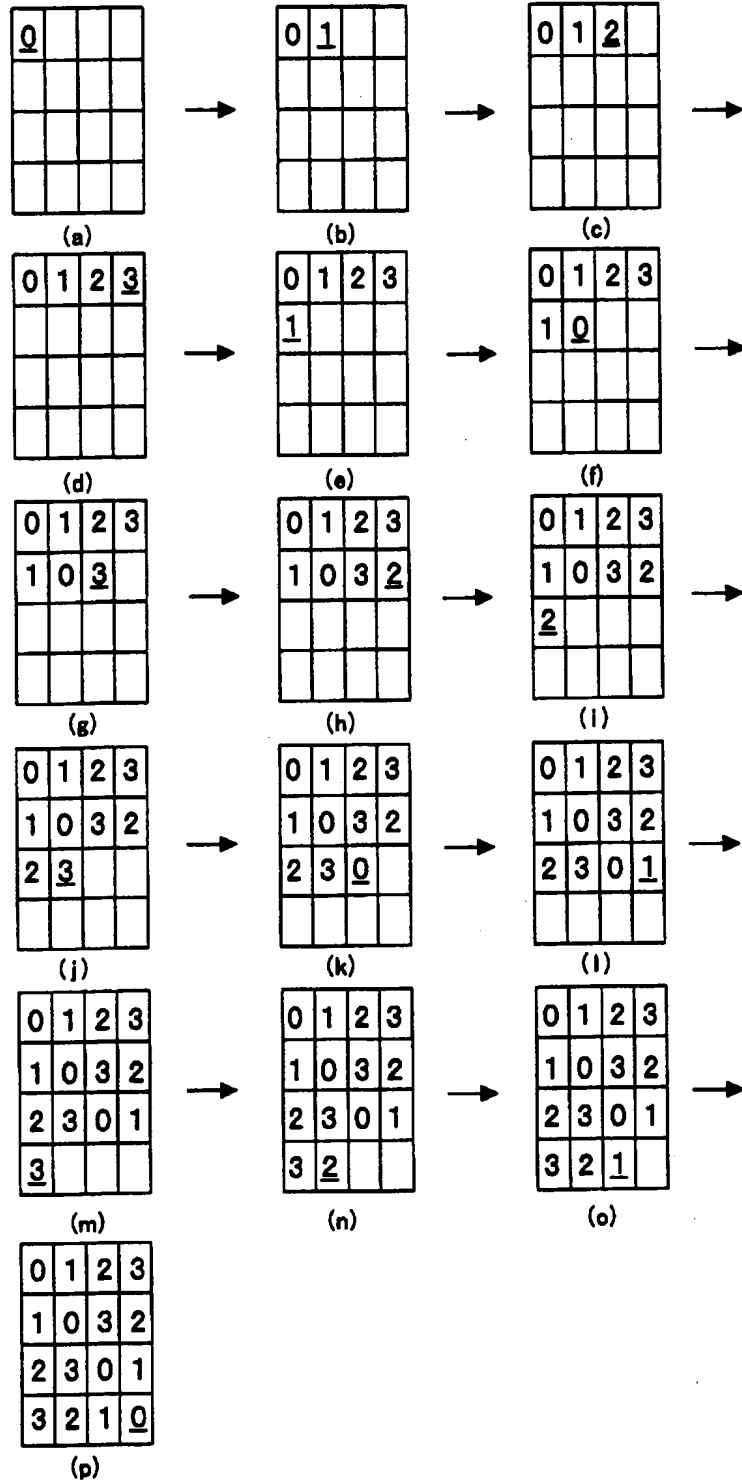


CREATION OF EACH ELEMENT IS
PERFORMED IN SEQUENCE OF FIRST
ROW AND FIRST COLUMN, SECOND
ROW AND FIRST COLUMN, ,
THIRD ROW AND FOURTH COLUMN,
AND FOURTH ROW AND FOURTH
COLUMN

CREATION METHOD IN
ROW DIRECTION

(b)

Fig. 10



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Fig. 11

